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ANSWER 1 CA COPYRIGHT 2000 ACS

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TI Transparent heat-reflecting layers of tin oxide on glass

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PA Czech.

SO Czech., 3 pp.

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DT Patent

LA Czech

IC C03C017-23

CC 57-1 (Ceramics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 220175	B	19830325	CS 1981-9007	19811204
AB Light green SnO ₂ glass coatings contg. 2.5-3.5% F with 70-87% transmission in the visible region and 70-80% reflection in the 5-12 .mu. region are prep'd. by spraying a mixt. of 100 g MeSnCl ₂ , 100 mL distd. water, and 4-5 mL HF on a hot glass surface (640-650.degree.). A similar layer contg. 1% Sb instead of F was prep'd. by treating a 580.degree. glass surface with a 1:0.8 vapor mixt. of SnCl ₂ and SbCl ₃ .					
ST tin oxide glass coating; glass coating heat reflecting; antimony tin oxide glass coating; fluoride tin oxide glass coating					
IT Glass, oxide (coatings on, tin oxide, transparent heat-reflecting)					
IT Coating materials (heat-reflective, transparent, antimony tin oxide and tin oxyfluoride, on glass)					
IT	18282-10-5			(coatings, contg. antimony and fluoride, transparent heat-reflecting, on glass)	
IT	7772-99-8, reactions			(reaction of, with hydrogen fluoride and antimony chloride, in oxide coating on glass)	
IT	7664-39-3, reactions	10025-91-9		(reaction of, with tin chloride, in oxide coating on glass)	
IT	7440-36-0, uses and miscellaneous			16984-48-8, uses and miscellaneous (tin oxide coatings contg., transparent heat-reflecting, on glass)	